

## ABSTRACT

In a mobile communication system supported with IP version 6, a mobile node 10 measures at least one of a hop number or communication delay time to a belonging home agent 11. When the  
5 result of measurement is equal to or greater than a predetermined value, registration deletion is requested to the belonging home agent 11 while registration is requested to a new home agent 14. The belonging home agent 11 deletes the registration of mobile node 10, and the new home agent 14 registers the mobile node. This  
10 can reduce the load on an IP network 18 and decrease data delay.